Superhero Perimeter Adventures: Protecting the City with Math!

Math   Grade 3   Superheroes Theme

🦸 Help your favorite Superheroes save the day by calculating perimeters around their secret bases, training grounds, and protective barriers!

NAME _____   DATE _____   SCORE _____ / 8

1

Superman needs to build a force field around his Fortress of Solitude to protect it from villains. The rectangular fortress has a length of 8 meters and a width of 5 meters. What is the perimeter of the force field Superman must create?

2

Wonder Woman is creating a square training arena in her headquarters where she practices her combat moves. Each side of the square measures 7 meters. What is the total perimeter of her training arena?

3

Batman is designing a rectangular Batcave security fence to keep intruders out. The fence will be 12 meters long and 6 meters wide. Calculate the perimeter of the fence Batman needs to install.

4

Spider-Man is laying rope around a rectangular rooftop patrol zone that is 9 meters long and 4 meters wide. How many meters of rope does Spider-Man need to go completely around the perimeter?

5

The Flash builds a square track in his training facility to practice his super speed. Each side of the square track is 5 meters. What is the perimeter of the track The Flash uses?

6

Aquaman is protecting a rectangular underwater kingdom with a protective barrier. The barrier measures 15 meters in length and 8 meters in width. What is the perimeter of Aquaman's protective barrier?

7

Black Widow is planting a square garden around the secret S.H.I.E.L.D. headquarters to grow healing herbs. Each side of the square garden is 6 meters. What is the perimeter of Black Widow's herb garden?

8

Iron Man is constructing a rectangular landing pad for his armor suits at Stark Tower. The landing pad is 10 meters long and 7 meters wide. Calculate the total perimeter of Iron Man's landing pad.

Answer Key

1

Superman needs to build a force field around his Fortress of Solitude to protect it from villains. The rectangular fortress has a length of 8 meters and a width of 5 meters. What is the perimeter of the force field Superman must create?

ANSWER

26 meters

2

Wonder Woman is creating a square training arena in her headquarters where she practices her combat moves. Each side of the square measures 7 meters. What is the total perimeter of her training arena?

ANSWER

28 meters

3

Batman is designing a rectangular Batcave security fence to keep intruders out. The fence will be 12 meters long and 6 meters wide. Calculate the perimeter of the fence Batman needs to install.

ANSWER

36 meters

4

Spider-Man is laying rope around a rectangular rooftop patrol zone that is 9 meters long and 4 meters wide. How many meters of rope does Spider-Man need to go completely around the perimeter?

ANSWER

26 meters

5

The Flash builds a square track in his training facility to practice his super speed. Each side of the square track is 5 meters. What is the perimeter of the track The Flash uses?

ANSWER

20 meters

6

Aquaman is protecting a rectangular underwater kingdom with a protective barrier. The barrier measures 15 meters in length and 8 meters in width. What is the perimeter of Aquaman's protective barrier?

ANSWER

46 meters

7

Black Widow is planting a square garden around the secret S.H.I.E.L.D. headquarters to grow healing herbs. Each side of the square garden is 6 meters. What is the perimeter of Black Widow's herb garden?

ANSWER

24 meters

8

Iron Man is constructing a rectangular landing pad for his armor suits at Stark Tower. The landing pad is 10 meters long and 7 meters wide. Calculate the total perimeter of Iron Man's landing pad.

ANSWER

34 meters